

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(metallization and layer\$2 and microvia\$ and pad\$2 and projection\$ and direction\$2 and intermediate).clm.	US-PGPUB	OR	OFF	2006/02/28 09:04
S1	1	10/700209	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 14:23
S2	152	174/253.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 14:48
S3	2	"6486394".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 14:49
S4	12	("5426399"   "5438167"   "5639389"   "5828555"   "5841075"   "6236572").PN. OR ("6486394").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 14:52
S5	1424	174/262.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 15:18
S6	95	S5 and projection\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 16:22
S7	95	S5 and projection\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 15:08
S8	51	S5 and microvia\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 15:40
S9	7	("4549200"   "4652974"   "4803595"   "5060116"   "5177594"   "5243140"   "6428327").PN. OR ("6954984").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 15:39
S10	1430	361/792-795.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 15:39

## EAST Search History

S11	17	S10 and microvia\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 15:40
S12	90	S10 and projection\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 15:45
S13	11	("4893404"   "5130179"   "5822856"   "6098282"   "6127633"   "6175087"   "6184477"   "6204453"   "6240636"   "6300576"   "6486394").PN. OR ("6828510"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 15:44
S14	2	"6362438".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 15:57
S15	8	("4791248"   "5424245"   "5436412"   "5734560"   "6010769"   "6013948"   "6136419"   "6225692").PN. OR ("6362438"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 15:58
S16	2	"5436412".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 15:59
S17	39	("3959874"   "4371744"   "4751349"   "4880684"   "5175609"   "5196251"   "5219639"   "5235139"   "5291374").PN. OR ("5436412").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 15:59
S18	9	("5093279"   "5244837"   "5436412"   "5438166").PN. OR ("6093630").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 16:02
S19	2	"6093630".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 16:02
S20	9	("5093279"   "5244837"   "5436412"   "5438166").PN. OR ("6093630").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 16:06
S21	14	("5731624"   "5739045"   "5795819"   "6033939"   "6093630"   "6249038"   "6294474"   "6295721"   "6350668"   "6395622"   "6440834"   "6451681"   "6458630").PN. OR ("6734047"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 16:09

## EAST Search History

S22	25	("3555365"   "3564354"   "4873506"   "5389814"   "5663590").PN. OR ("5731624").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 16:18
S23	2	"6954984".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 16:18
S24	7	("4549200"   "4652974"   "4803595"   "5060116"   "5177594"   "5243140"   "6428327").PN. OR ("6954984").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 16:20
S25	1963	174/260.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 16:21
S26	143	S25 and projection\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 16:22
S27	6	("4543715"   "5381306"   "5590029"   "6137064"   "6181551"   "6388208").PN. OR ("6734373").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 16:26
S28	2	"6734373".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/10/31 16:26

## EAST Search History

S29	58	("3412456"   "3469019"   "4105970"   "4141055"   "4182781"   "4189825"   "4312117"   "4315984"   "4417206"   "4499656"   "4566184"   "4585991"   "4881118"   "4924589"   "4929999"   "4937653"   "4952272"   "4963225"   "5014161"   "5032541"   "5045780"   "5072116"   "5103557"   "5137461"   "5177438"   "5177439"   "5196251"   "5206585"   "5235140"   "5239260"   "5245135"   "5262718"   "5307561"   "5323035"   "5326428"   "5334804"   "5353195"   "5367253"   "5402077"   "5419807"   "5420520"   "5431328"   "5468917"   "5471151"   "5477087"   "5478779"   "5523697"   "5541525"   "5559444"   "5625297"   "5716218"   "5790377"   "5849633"   "5869787"   "5891832"   "6002266").PN. OR ("6441320"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 16:39
S30	53	("0555944"   "4105970"   "4141055"   "4182781"   "4189825"   "4312117"   "4417206"   "4499656"   "4585991"   "4881118"   "4924589"   "4929999"   "4937653"   "4952272"   "4963225"   "5014161"   "5032541"   "5045780"   "5072116"   "5103557"   "5137461"   "5177438"   "5177439"   "5206858"   "5239260"   "5245135"   "5262718"   "5307561"   "5323035"   "5326428"   "5353195"   "5402077"   "5419807"   "5468917"   "5625297"   "5716218").PN. OR ("5869787"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 16:40

## EAST Search History

S31	54	("3412456"   "3469019"   "4105970"   "4141055"   "4182781"   "4189825"   "4312117"   "4315984"   "4417206"   "4499656"   "4585991"   "4881118"   "4924589"   "4929999"   "4937653"   "4952272"   "4963225"   "5014161"   "5032541"   "5045780"   "5072116"   "5103557"   "5137461"   "5177438"   "5177439"   "5196251"   "5206585"   "5235140"   "5239260"   "5245135"   "5262718"   "5307561"   "5323035"   "5326428"   "5334804"   "5353195"   "5367253"   "5402077"   "5419807"   "5420520"   "5431328"   "5468917"   "5471151"   "5477087"   "5523697"   "5541525"   "5559444"   "5625297"   "5716218"   "5790377"   "5831832"   "5869787").PN. OR ("6255213").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 16:50
S32	1	"5173844".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 17:54
S33	34	((("6091137") or ("5619108") or ("5235208") or ("4852736") or ("4857989") or ("4881116") or ("4920074") or ("5021864") or ("5184209") or ("5241452") or ("5244840") or ("5352130") or ("5368497") or ("5374848") or ("5516023") or ("5523621") or ("5545045") or ("5548161") or ("5567983") or ("5581382") or ("5604363") or ("5648682") or ("5668407") or ("5701028") or ("5763297") or ("5808519") or ("5914531") or ("5998857") or ("6031281") or ("6031293") or ("6032355") or ("6080604") or ("6104619") or ("6114192")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/01 08:01
S34	1878	174/261.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 08:04
S35	998	S34 and via\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 08:05

## EAST Search History

S36	151	S34 and projection\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 08:05
S37	90	S35 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 08:21
S38	2	"6239384".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 08:31
S39	36	("3628105"   "4912547"   "5390844"   "5394009"   "5398863"   "5489749"   "5491302"   "5518964"   "5536909"   "5798751"   "5878486").PN. OR ("6239384"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 08:35
S40	2	"6362436".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 08:49
S41	19	("5313365"   "5535101"   "5612576"   "5831219"   "5879787"   "5886876"   "6054755"   "6097089"   "6157085"   "6160313"   "6175152").PN. OR ("6362436"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 08:51
S42	36	("3628105"   "4912547"   "5390844"   "5394009"   "5398863"   "5489749"   "5491302"   "5518964"   "5536909"   "5798751"   "5878486").PN. OR ("6239384"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 08:56
S43	2	"20030150644".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 08:56
S44	0	("2003/0150644").URPN.	USPAT	OR	OFF	2005/11/01 09:01
S45	1	"6093630".pn.	USPAT	OR	OFF	2005/11/01 09:02
S46	9	("5093279"   "5244837"   "5436412"   "5438166").PN. OR ("6093630").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 09:05
S47	2	"6734047".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 09:05

## EAST Search History

S48	14	("5731624"   "5739045"   "5795819"   "6033939"   "6093630"   "6249038"   "6294474"   "6295721"   "6350668"   "6395622"   "6440834"   "6451681"   "6458630").PN. OR ("6734047").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 09:05
S49	6	("5731624"   "5972756"   "6249038"   "6294474"   "6295721"   "6734047").PN. OR ("6827868").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 09:10
S50	2	"5436412".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 09:10
S51	39	("3959874"   "4371744"   "4751349"   "4880684"   "5175609"   "5196251"   "5219639"   "5235139"   "5291374").PN. OR ("5436412").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 09:12
S52	2	"6954984".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 09:13
S53	7	("4549200"   "4652974"   "4803595"   "5060116"   "5177594"   "5243140"   "6428327").PN. OR ("6954984").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 09:14
S54	2	"6093643".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 09:38
S55	2	"5436412".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 13:32
S56	39	("3959874"   "4371744"   "4751349"   "4880684"   "5175609"   "5196251"   "5219639"   "5235139"   "5291374").PN. OR ("5436412").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 13:39
S57	11	("5436412"   "5579207"   "5741729"   "5987732"   "6097265"   "6137164"   "6194669"   "6223439"   "6459039"   "6521845"   "6632372").PN. OR ("6768189").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 13:34

## EAST Search History

S58	1425	174/262.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 14:13
S59	2	"20050016768".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 14:18
S60	2	"6294745".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 14:18
S61	22	("3373481"   "3472365"   "3517434"   "3744129"   "3861135"   "3971610"   "4050756"   "4238527"   "4276923"   "4412642"   "4712721"   "5244143"   "5388327"   "5438223"   "5447264"   "5497938"   "5531021").PN. OR ("6294745").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 14:20
S62	1425	174/262.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 14:22
S63	1430	361/792-795.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 14:22
S64	2592	S62 or S63	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 14:22
S65	3	S64 and Zollo	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 14:36
S66	87	("3379937"   "4288841"   "4437718"   "4617730"   "4654694"   "4691225"   "4940181"   "4969827"   "5016138").PN. OR ("5172303").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/01 14:23
S67	2	"20050016768".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/11/01 15:22
S68	2	"6093630".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/27 15:22



## EAST Search History

S69	2	"20050016768".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/27 14:33
S70	2	"6294745".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/27 14:42
S71	2	"6093643".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/27 14:34
S72	1	10/700209	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/27 16:05
S73	152	174/253.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/27 16:09
S74	3073	174/261,262.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/27 16:09
S75	23	S73 and @pd >"20020101"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/27 16:10
S76	1239	S74 and @pd >"20020101"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/27 16:10
S77	1239	S74 and @pd > "20020101"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/27 18:17